WHAT IS CLAIMED IS:

1. A fiber optic receiver, comprising:

a substrate;

a receiver optical sub-assembly (ROSA) mounted on the substrate and comprising a fiber optic connector for coupling to a mating connector of a fiber optic cable;

an opto-electronic transducer incorporated within the ROSA and configured to generate an electrical data signal in response to a received optical data signal;

a preamplifier circuit incorporated within the ROSA, coupled to the opto-electronic transducer, and operable to linearly amplify an electrical data signal generated by the opto-electronic transducer; and

an adjustable bandwidth post-amplifier circuit mounted on the substrate and coupled to an output of the preamplifier circuit.

2. The fiber optic receiver of claim 1, wherein the post-amplifier circuit comprises a switch for setting a bandwidth response of the post-amplifier circuit in response to a received data rate control signal.

3. The fiber optic receiver from claim 2, wherein the post-amplifier circuit further comprises a low-pass filter coupled to the switch.

4. The fiber optic receiver of claim 3, wherein the low-pass filter comprises a capacitor.

5. The fiber optic receiver of claim 1, wherein the post-amplifier circuit comprises a voltage-variable capacitor.

6. The fiber optic receiver of claim 1, wherein the post-amplifier circuit comprises a wide bandwidth signal path and a narrow bandwidth signal path.

7. The fiber optic receiver of claim 6, wherein the post-amplifier circuit further comprises a multiplexer configured to selectively present for output electrical data signals transmitted over one of the wide bandwidth signal path and the narrow bandwidth signal path in response to a received data rate control signal.

8. The fiber optic receiver of claim 6, wherein the wide bandwidth signal path comprises an amplifier with a relatively wide bandwidth response and the narrow bandwidth signal path comprises an amplifier with a relatively narrow bandwidth response.

9. The fiber optic receiver of claim 1, wherein the post-amplifier comprises an input gain buffer coupled to the output of the preamplifier circuit.

10. The fiber optic receiver of claim 1, wherein the pre-amplifier circuit is configured to linearly amplify an electrical data signal generated by the opto-electronic transducer over a specified range of optical data signal power.

11. The fiber optic receiver of claim 1, wherein the ROSA comprises a header module mounted on the substrate and configured to house the opto-electronic transducer and the preamplifier.

12. The fiber optic receiver of claim 1, wherein the opto-electronic transducer comprises a photodiode.